ORDER NO. SD7811-1471

Service Manual

Stereo Integrated DC Amplifier

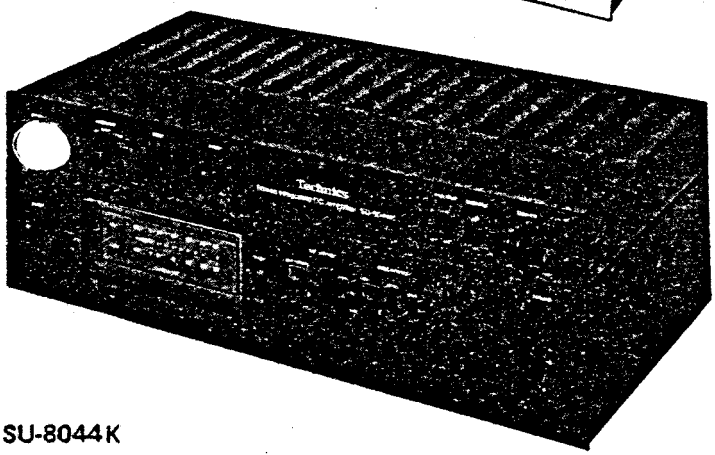
SU-8044

(X), (XA), (XAL), (XGH)
(E), (EG), (XE), (XGF), (EB)

SU-8044K

(X), (XA), (XAL), (XGH)
(E), (EG), (EB)

SU-8044



SU-8044K

* The models SU-8044 (X, XA) and SU-8044K (X, XA) are available in Asia, Latin America, Middle East and Africa only.
* The models SU-8044 (XAL) and SU-8044K (XAL) are available in Australia only.
* The models SU-8044 (XGH) and SU-8044K (XGH) are available in Holland only.
* The models SU-8044 (E, EG) and SU-8044K (E, EG) are available in Scandinavia and European only.
* The model SU-8055 (XE) is available in United Kingdom only.
* The models SU-8044 (EB) and SU-8044K (EB) are available in Belgium only.
* The model SU-8055 (XGF) is available in France only.

TECHNICAL SPECIFICATIONS

Specifications are subject to change without notice for further improvement.

[DIN 45 500]

AMPLIFIER SECTION

1 kHz continuous power output	
both channels driven	2 x 46 W (4Ω), 2 x 40 W (8Ω)
40 Hz ~ 16 kHz continuous power output	
both channels driven	2 x 40 W (4Ω), 2 x 38 W (8Ω)
20 Hz ~ 20 kHz continuous power output	
both channels driven	2 x 40 W (4Ω), 2 x 38 W (8Ω)
Power bandwidth	
both channels driven, −3 dB	5 Hz ~ 30 kHz (4Ω)
	5 Hz ~ 50 kHz (8Ω)
Total harmonic distortion	
rated power at 1 kHz	0.03% (4Ω), 0.02% (8Ω)
rated power at 40 Hz ~ 16 kHz	0.03% (4Ω), 0.02% (8Ω)
rated power at 20 Hz ~ 20 kHz	0.03% (4Ω), 0.02% (8Ω)
half power at 20 Hz ~ 20 kHz	0.015% (8Ω)
half power at 1 kHz	0.008% (8Ω)
−26 dB power at 1 kHz	0.15% (4Ω)
50mW power at 1 kHz	0.2% (4Ω)
Intermodulation distortion	
rated power at 250 Hz: 8 kHz = 4:1, 4Ω	0.03%
rated power at 60 Hz: 7 kHz = 4:1, SMPTE, 8Ω	0.02%
Residual hum & noise	0.8 mV (0.6 mV, IHF, A)
Damping factor	16 (4Ω), 32 (8Ω)
Input sensitivity and impedance	
PHONO	2.5 mV/47 kΩ
TUNER, AUX	150 mV/47 kΩ
TAPE 1, REC/PLAY	180 mV/33 kΩ
TAPE 2	150 mV/33 kΩ
PHONO maximum input voltage (1 kHz, RMS)	150 mV

S/N		
rated power at 4Ω	PHONO	73 dB (IHF, A: 80 dB)
	TUNER, AUX, TAPE	86 dB (IHF, A: 97 dB)
−26 dB power at 4Ω	PHONO	62 dB
	TUNER, AUX, TAPE	63 dB
50 mW power at 4Ω	PHONO	58 dB
	TUNER, AUX, TAPE	60 dB
Frequency response	PHONO	RIAA standard curve
		30 Hz ~ 15 kHz, ±0.8 dB
	TUNER, AUX, TAPE	20 Hz ~ 20 kHz, ±0.5 dB
		10 Hz ~ 50 kHz, −1 dB
Tone controls	BASS	50 Hz, +10 dB ~ −10 dB
	TREBLE	20 kHz, +10 dB ~ −10 dB
High filter		7 kHz, −6 dB/oct
Loudness control (volume at −30 dB)		50 Hz, +9 dB
Output voltage and impedance	REC OUT	150 mV
	REC/PLAY	30 mV/82 kΩ
Channel balance (250 Hz ~ 6300 Hz), AUX		±1.0 dB
Channel separation at 1 kHz, AUX		58 dB
Headphones output level and impedance		440 mV/330Ω
Load impedance	MAIN or REMOTE	4 ~ 16Ω
	MAIN + REMOTE	8 ~ 16Ω

GENERAL

Power consumption	400 W
Power supply (50 Hz/60 Hz)	110V/120V/220V/240V
Dimensions (W x H x D)	430 x 142 x 255 mm
Weight	6.7 kg

Technics

Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

TECHNISCHE DATEN

Spezifikationen können infolge von Verbesserungen ohne Ankündigung geändert werden.

[DIN 45 500]

VERSTÄRKERTEIL

RMS-Dauertonleistung bei 1 kHz
beide Kanäle zusammen ausgesteuert 2 x 46 W (4Ω)
2 x 40 W (8Ω)

RMS-Dauertonleistung bei 40 Hz ~ 16 kHz
beide Kanäle zusammen ausgesteuert 2 x 40 W (4Ω)
2 x 38 W (8Ω)

RMS-Dauertonleistung bei 20 Hz ~ 20 kHz
beide Kanäle zusammen ausgesteuert
2 x 40 W (4Ω), 2 x 38 W (8Ω)

Leistungsbandbreite
beide Kanäle zusammen ausgesteuert, −3 dB
5 Hz ~ 30 kHz (4Ω)
5 Hz ~ 50 kHz (8Ω)

Harmonische Verzerrungen
Nennausgangsleistung bei 1 kHz 0,03% (4Ω), 0,02% (8Ω)
Nennausgangsleistung bei 40 Hz ~ 16 kHz
0,03% (4Ω), 0,02% (8Ω)
Nennausgangsleistung bei 20 Hz ~ 20 kHz
0,03% (4Ω), 0,02% (8Ω)
Halber Ausgangsleistung bei 20 Hz ~ 20 kHz 0,015% (8Ω)
Halber Ausgangsleistung bei 1 kHz 0,008% (8Ω)
−26 dB Ausgangsleistung bei 1 kHz 0,15% (4Ω)
50 mW Ausgangsleistung bei 1 kHz 0,2% (4Ω)

Intermodulationsverzerrung
Nennausgangsleistung bei 250 Hz: 8 kHz = 4:1, 4Ω 0,03%
Nennausgangsleistung bei 60 Hz: 7 kHz = 4:1, 8Ω 0,02%

Brummen & Rauschen 0,8 mV (0,6 mV, IHF A)
Dämpfungsfaktor 16 (4Ω), 32 (8Ω)

Eingangsempfindlichkeit & Impedanz
PHONO 2,5 mV/47 kΩ
TUNER, AUX 150 mV/47 kΩ
TAPE 1, REC/PLAY 180 mV/33 kΩ
TAPE 2 150 mV/33 kΩ

PHONO Maximale Eingangsspannungen (1 kHz RMS) 150 mV

Fremdspannungsabstand
Nennausgangsleistung bei 4Ω
PHONO 73 dB (IHF, A: 80 dB)
TUNER, AUX 86 dB (IHF, A: 97 dB)

−26 dB Ausgangsleistung bei 4Ω PHONO 62 dB
TUNER, AUX, TAPE 63 dB

50 mW Ausgangsleistung bei 4Ω PHONO 58 dB
TUNER, AUX, TAPE 60 dB

Frequenzgang PHONO RIAA Standardkurve
30 Hz ~ 15 kHz, ±0,8 dB
TUNER, AUX, TAPE 20 Hz ~ 20 kHz, ±0,5 dB
10 Hz ~ 50 kHz, −1 dB

Klangregler BÄSSE 50 Hz, +10 dB ~ −10 dB
HÖHEN 20 kHz, +10 dB ~ −10 dB

Höhenfilter (HIGH) 7 kHz, −6 dB/oct

Gehörgerechte Lautstärkekorrektur (Lautstärke bei −30 dB)
50 Hz, +9 dB

Ausgangsspannungen & Impedanz REC OUT 150 mV
REC/PLAY Aufnahme 30 mV/82 kΩ

Kanalabweichung (250 Hz ~ 6300 Hz), AUX ±1,0 dB
Kanaltrennung bei 1 kHz, AUX 58 dB
Kopfhörerpegel und Ausgangsimpedanz 440 mV/330Ω
Lautsprecher-Ausgangsimpedanz
MAIN oder REMOTE 4 ~ 16Ω
MAIN und REMOTE 8 ~ 16Ω

ALLGEMEINE DATEN

Leistungsaufnahme 400 W
Netzspannung umschaltbar (50 Hz/60 Hz)
110V/120V/220V/240V
Abmessungen (B x H x T) 430 x 142 x 255 mm
Gewicht 6,7 kg

CARACTERISTIQUES TECHIQUES

Sujet à changement sans préaris.

[DIN 45 500]

PARTIE AMPLIFICATEUR

Puissance RMS (continue) à 1 kHz
pour l'ensemble des canaux excités 2 x 46 W (4Ω)
2 x 40 W (8Ω)

Puissance RMS (continue) à 40 Hz ~ 16 kHz
pour l'ensemble des canaux excités 2 x 40 W (4Ω)
2 x 38 W (8Ω)

Puissance RMS (continue) à 20 Hz ~ 20 kHz
pour l'ensemble des canaux excités
2 x 40 W (4Ω), 2 x 38 W (8Ω)

Largeur de bande de puissance
pour l'ensemble des canaux excités, −3 dB
5 Hz ~ 30 kHz (4Ω)
5 Hz ~ 50 kHz (8Ω)

Distorsion harmonique totale
pour la puissance mesurée à 1 kHz
0,03% (4Ω), 0,02% (8Ω)
pour la puissance mesurée à 40 Hz ~ 16 kHz
0,03% (4Ω), 0,02% (8Ω)
pour la puissance mesurée à 20 Hz ~ 20 kHz
0,03% (4Ω), 0,02% (8Ω)
pour la demi-puissance mesurée à 20 Hz ~ 20 kHz
0,015% (8Ω)
pour la demi-puissance mesurée à 1 kHz 0,008% (8Ω)
pour une puissance mesurée de −26 dB, 1 kHz 0,15% (4Ω)
pour une puissance mesurée de 50 mW, 1 kHz 0,2% (4Ω)

Distorsion d'intermodulation
pour la puissance mesurée à 250 Hz: 8 kHz = 4:1, 4Ω 0,03%
pour la puissance mesurée à 60 Hz: 7 kHz = 4:1, 8Ω 0,02%

Tension résiduelle de bruit 0,8 mV (0,6 mV: IHF, A)
Facteur d'amortissement 16 (4Ω), 32 (8Ω)

Sensibilité & impédance d'entrée
PHONO 2,5 mV/47 kΩ
TUNER, AUX 150 mV/47 kΩ
TAPE 1, REC/PLAY 180 mV/33 kΩ
TAPE 2 150 mV/33 kΩ

Voltage d'entrée maximum (PHONO, 1 kHz, RMS) 150 mV

Rapport signal/bruit
pour la puissance nominale, 4Ω
PHONO 73 dB (IHF, A: 80 dB)
TUNER, AUX, TAPE 86 dB (IHF, A: 97 dB)
pour une sortie de −26 dB, 4Ω PHONO 62 dB
TUNER, AUX, TAPE 63 dB
pour une sortie de 50 mW, 4Ω PHONO 58 dB
TUNER, AUX, TAPE 60 dB

Réponse de fréquence
PHONO Courbe standard RIAA
30 Hz ~ 15 kHz, ±0,8 dB
TUNER, AUX, TAPE 20 Hz ~ 20 kHz, ±0,5 dB
10 Hz ~ 50 kHz, −1 dB

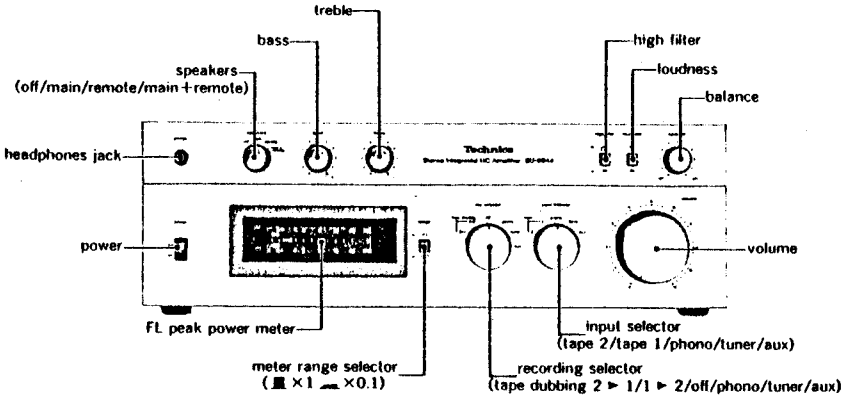
Réglage de la tonalité
BASS (graves) 50 Hz, +10 dB ~ −10 dB
TREBLE (aigus) 20 kHz, +10 dB ~ −10 dB

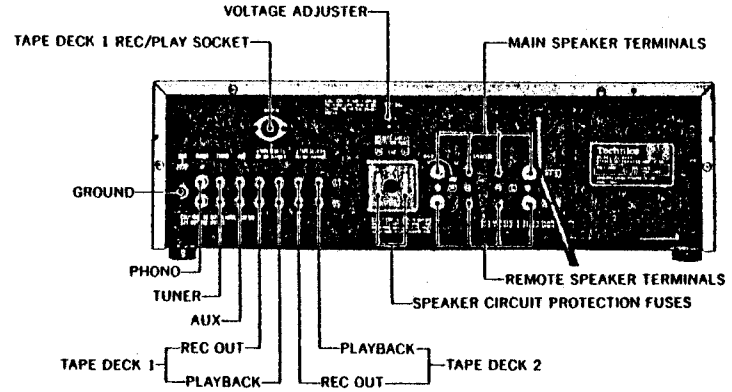
Filtre Aigu (HIGH) 7 kHz, −6 dB/oct
Correction physiologique (volume à −30 dB) 50 Hz, +9 dB
Tension de sortie & impédance REC OUT 150 mV
REC/PLAY 30 mV/82 kΩ
Equilibrage de canaux (250 Hz ~ 6300 Hz), AUX ±1,0 dB
Séparation des canaux, AUX 1 kHz 58 dB
Niveau du casque et impédance de sortie 400 mV/330Ω
Impédance de charge PRINCIPALE ou ELOIGNEE 4 ~ 16Ω
PRINCIPALE + ELOIGNEE 8 ~ 16Ω

GENERALITES

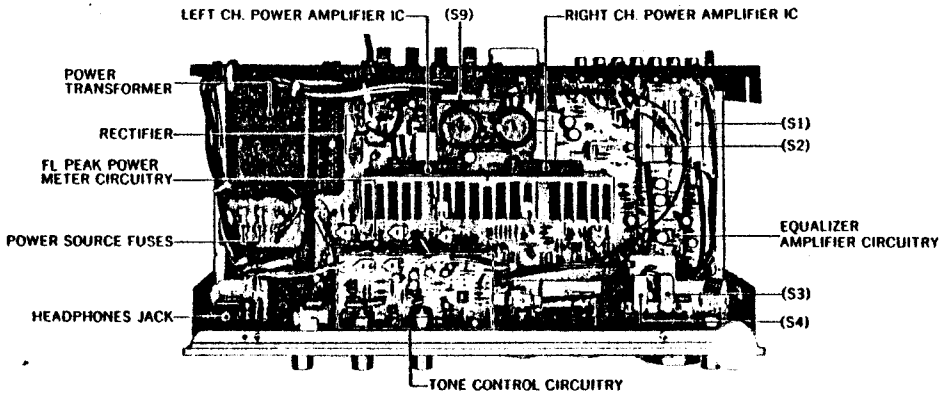
Consommation 400 W
Alimentation (50 Hz/60 Hz) 110V/120V/220V/240V
Dimensions (L x H x Pr) 430 x 142 x 255 mm
Poids 6,7 kg

■ LOCATION OF CONTROLS





- The products for destinations (X) and (XA) are equipped with AC outlets.



■ NOTE

The unit is provided with the speaker circuit protection fuses at the right and left channels respectively. The fuse is to prevent the power IC from destruction, should the speaker terminals be short-circuited. Accordingly, if the unit fails to function upon completion of the speaker connections, check the speaker circuit protection fuses first of all for possible blowing.

■ HOW TO REMOVE THE AMPLIFIER CABINET, BOTTOM PLATE AND FRONT PANEL

How to remove the amplifier cabinet

1. Remove the 4 setscrews (① ~ ④ in Fig. 1) on the side and 4 setscrews (⑤ ~ ⑧ in Photo 1) on the back of the amplifier cabinet.
2. Shift the cabinet backward and lift it upward. (Arrow Ⓐ in Fig. 1)
3. When mounting the cabinet, completely fit the top lug of the cabinet with the front panel before tightening the setscrews. (See Fig. 1 [1].)

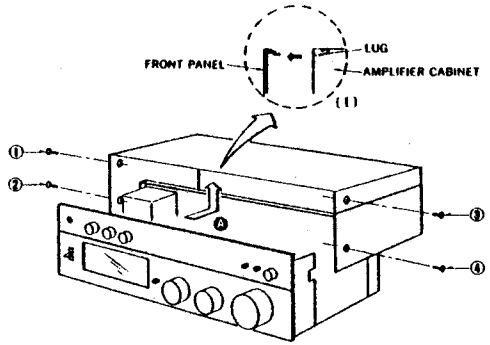


Fig. 1

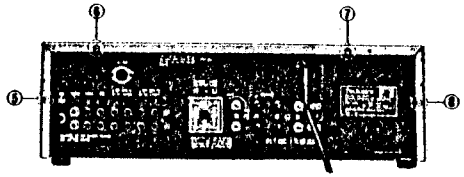


PHOTO 1

How to detach the bottom plate

1. Remove the 2 setscrews (⑪, ⑫ in Fig. 2) used to secure bottom plate and 4 setscrews (⑨, ⑩, ⑬, ⑭ in Fig. 2) for the legs. Then the bottom plate can be detached.

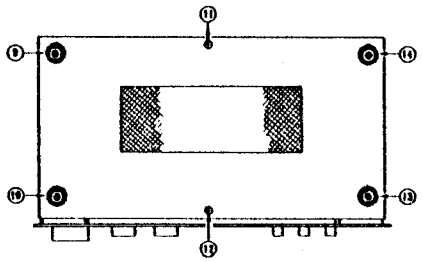


Fig. 2

How to detach the front panel

1. Remove the 4 setscrews (⑮ ~ ⑱ in Fig. 3) and then carefully pull the front panel toward you.

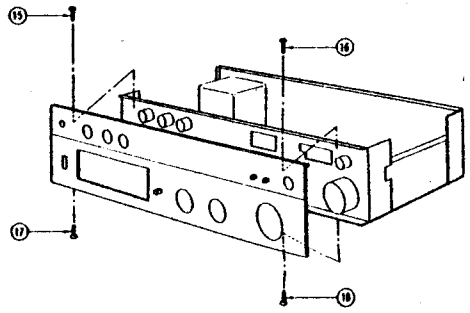
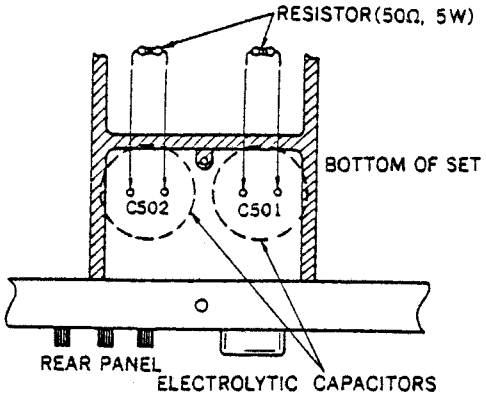


Fig. 3

■ BEFORE STARTING THE REPAIRING

Before adjusting or repairing, be sure to short-circuit opposite poles of the 8200μF capacitors (C501, 502) with a resistor approximately of "50Ω, 5W" for discharging the charged voltage.
Short-circuiting with a screw driver and the like is not only dangerous, but may destroy transistors and diodes, and should therefore be avoided.



■ ALIGNMENT INSTRUCTIONS ENGLISH

Setting

- Connect a low frequency oscillator to the tuner input terminal, and 8-ohm load resistor and AC electronic voltmeter to the speaker terminal.
  Add 1 kHz signal from the low frequency oscillator to the set.
- Set the sound volume to the maximum point.

Adjustment item	Meter range select switch position	Parts to be adjusted	Adjusting procedure
FL peak power meter	Range Switch... X0.1	R617 (Lch)	1. Adjust the input level so that the AC voltmeter indicates 0.7V. 2. Adjust R617 while observing the FL peak power meter so that the segment at 0.1W is about to turn on. (Fig. 4)
		R618 (Rch)	1. Adjust R618 in the same way as for Lch. If the indication of Lch changes, re-adjust R617.
	Range Switch... X1	R628 (Rch)	1. Adjust the input level so that the L-channel segment at 10 W of the FL peak power meter is about to turn on, and read the output voltage with the AC voltmeter. 2. Adjust the input level so that the R-channel output voltage becomes equal to the L-channel's one read above, then adjust R628 so that the R-channel segment at 10 W is about to turn on. (Fig. 5)
	Range Switch... X0.1	R618 (Rch)	1. Adjust the input level so that the AC voltmeter indicates 0.7V. Rotate R617 counterclockwise to turn them off. Again adjust R618 so that the segment at 0.1W is about to turn on.

Adjustment of DC unbalanced voltage

1) Connect the DC electronic voltmeter to the speaker terminals of L and R channels.
2) Set the power supply switch to "ON".
3) Shift the range knob of the DC voltmeter to as small measuring range as possible. Then adjust R413 (Lch) and R414 (Rch) so that the voltmeter indicates 0 V.

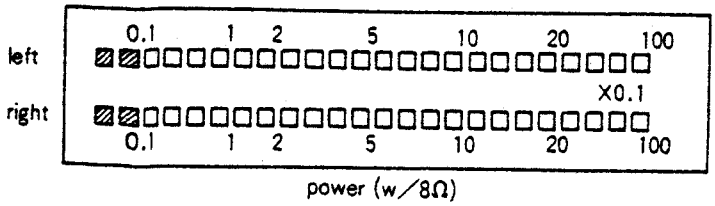


Fig. 4 (Adb. 4)

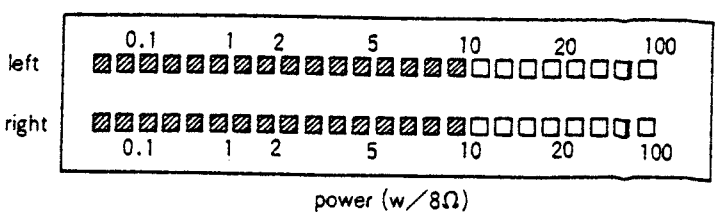


Fig. 5 (Abb. 5)

■ ANWEISUNGES FÜR ABGLEICHUNG ■■■■■■■■■■ DEUTSCH ■■■■■■■■■■

Einstellung • Einen Niederfrequenzoszillator an die Eingangsklemme des Tuners schließen und parallel zu 8-ohm Belastungswiderstand den elektronischen Wechselstrom-Voltmeter an die Lautsprecherklemme schließen.
• 1 kHz Signal aus dem Niederfrequenzoszillator in das Gerät speisen.
• Lautstärkeregler auf den minimalen Punkt einstellen.

Justierung	Stellung des Meterbereichswählers	Zu justierende Teile	Justierungsvorgang
FL-Spitzenleistungsmeter	Bereichswähler auf X0.1	R617 (Linker Kanal)	1. Den Eingangspegel so justieren, daß der Wechselstrom-Voltmeter 0,7 V anzeigt. 2. Unter Beobachtung des FL-Spitzenleistungsmeters R617 so justieren, daß das Segment an 0,1 W aufzuleuchten beginnt. (Abb. 4)
		R618 (Rechter K.)	1. R618 in der gleichen Weise wie bei linkem Kanal justieren. Bei Änderung der Anzeige des linken Kanals R617 wiederjustieren.
	Bereichswähler auf X1	R628 (Rechter K.)	1. Den Eingangspegel justieren, bis der L-Kanalabschnitt bei 10 W des FL-Spitzenleistungsmeters fast einschaltet, und am Wechselstromvoltmetre die Ausgangsspannung ablesen. 2. Den Eingangspegel justieren, bis die R-Kanalausgangsspannung der oben abgelessenen des L-Kanals gleichsteht, dann R628 justieren, bis der R-Kanalabschnitt bei 10 W fast einschaltet. (Abb. 5)
	Bereichswähler auf X0.1	R618 (Rechter K.)	1. Den Eingangspegel so justieren, daß der Wechselstrom-Voltmeter 0,7 V anzeigt. R617 im Gegensinn zum Uhrzeiger drehen, bis sie erlöschen. R618 wieder so justieren, daß das Segment an 0,1 W aufzuleuchten beginnt.

Justierung der unausgeglichenen Gleichstromspannung
1) Den ktronischen Gleichstrom-Voltmeter an die Lautsprecherklemme des linken und rechten kanal schließen.
2) Den Netzschalter auf "ON" stellen.
3) Den Bereichknopf des Gleichstrom-Voltmeters auf den möglichst kleinen Meßbereich umschalten.
Dann R413 (Linker K.) und R414 (Rechter K.) so justieren, daß der Voltmeter 0 V anzeigt.

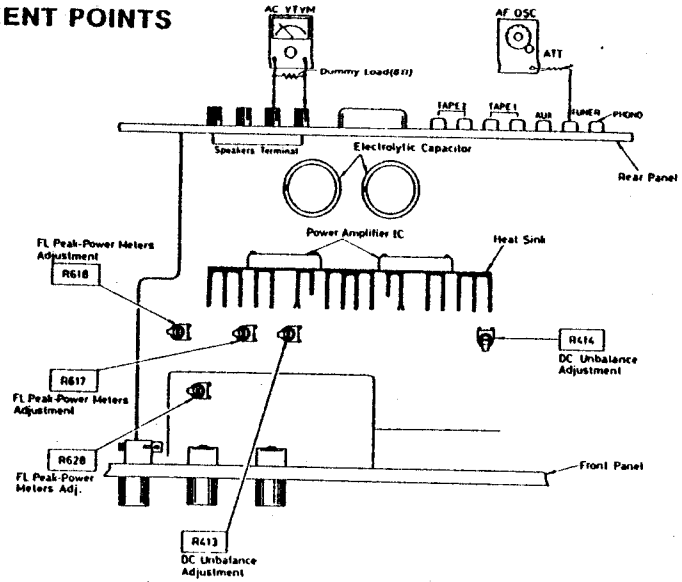
■ INSTRUCTIONS D'ALIGNMENT ■■■■■■■■■■ FRANÇAIS ■■■■■■■■■■

Réglage • Brancher un oscillateur à basse fréquence à la borne de sortie du tuner et une résistance de charge de 8 ohms et un voltmètre électronique à la borne de l'enceinte.
• Par l'oscillateur à basse fréquence, appliquer un signal de 1 kHz à l'appareil.
• Régler le volume du son au maximum.

Elément de réglage	Position du commutateur de sélection de la gamme du compteur	Eléments à régler	Procédé de réglage
Compteur de puissance de crête de niveau de fréquence	Commutateur de gamme X0,1	R617 (CG)	1. Régler le niveau de sortie de telle sorte que le voltmètre CA indique 0,7 V. 2. Régler la R617 tout en observant le compteur de puissance de crête de niveau de fréquence, de telle sorte que le segment à 0,1 W soit sur le point d'être allumé. (Fig. 4)
		R618 (CD)	1. Régler le R618 de la même façon que pour le canal gauche (CG). Si l'indication du canal gauche est modifiée, re-régler le R617.
	Commutateur de gamme X1	R628 (CD)	1. Régler le niveau d'entrée de telle sorte que le segment du canal gauche à 10W du compteur de puissance de crête FL, soit sur le point d'être branché et lire la tension de sortie avec un voltmètre CA. 2. Régler le niveau d'entrée de telle sorte que la tension de sortie du canal droit, soit égale à celle du canal gauche lue ci-dessus, puis régler le R628 de telle sorte que le segment du canal droit à 10 W soit sur le point d'être branché. (Fig. 5)
	Commutateur de gamme X0,1	R618 (CD)	1. Régler le niveau de sortie de telle sorte que le voltmètre CA indique 0,7 V. Tourner les R617 à gauche pour les éteindre. Régler de nouveau le R618 pour que le segment de 0,1 W soit sur le point d'être allumé.

Réglage de la tension CC déséquilibrée
1) Brancher un voltmètre électronique CC aux bornes de l'enceinte des canaux droit ache.
2) Placer le commutateur d'alimentation sur "ON".
3) Déplacer le bouton de gamme du voltmètre CC sur la plus petite gamme de mesure possible. Puis régler le R413 (CG) et le R414 (CD) de telle sorte que le voltmètre indique 0 V.

■ ALIGNMENT POINTS



■ HOW TO REMOVE THE POWER IC

1. Remove the solder of power IC for both Lch and Rch.
2. Remove the 3 setscrews (①~③ in Fig. 6) used to fasten the heat sink from the center bracket.
3. Remove the setscrew (④ in Fig. 6) used to fasten the heat sink from the reinforce bracket.
4. Remove the heat sink along with power IC in the direction of arrow A (Fig. 7).
5. Remove the 2 setscrews (⑥ in Fig. 7) used to secure the power IC on the heat sink, and then pull the power IC in the direction of arrow B.
6. When mounting the power IC, apply silicone compound (or equivalent heat diffuser) to the back of power IC, and then follow the steps 1 ~ 5 reversely.

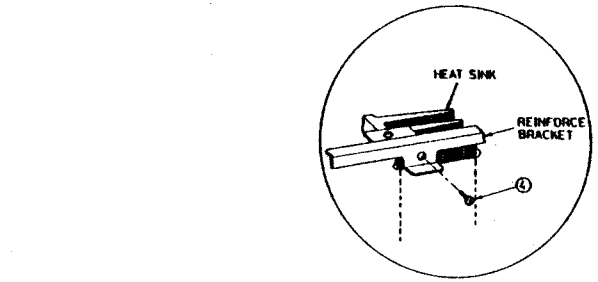


Fig. 6

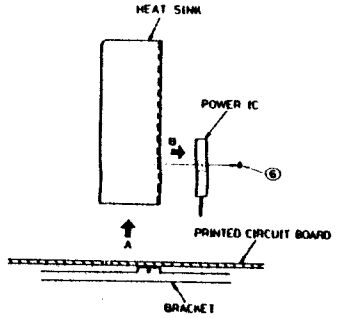
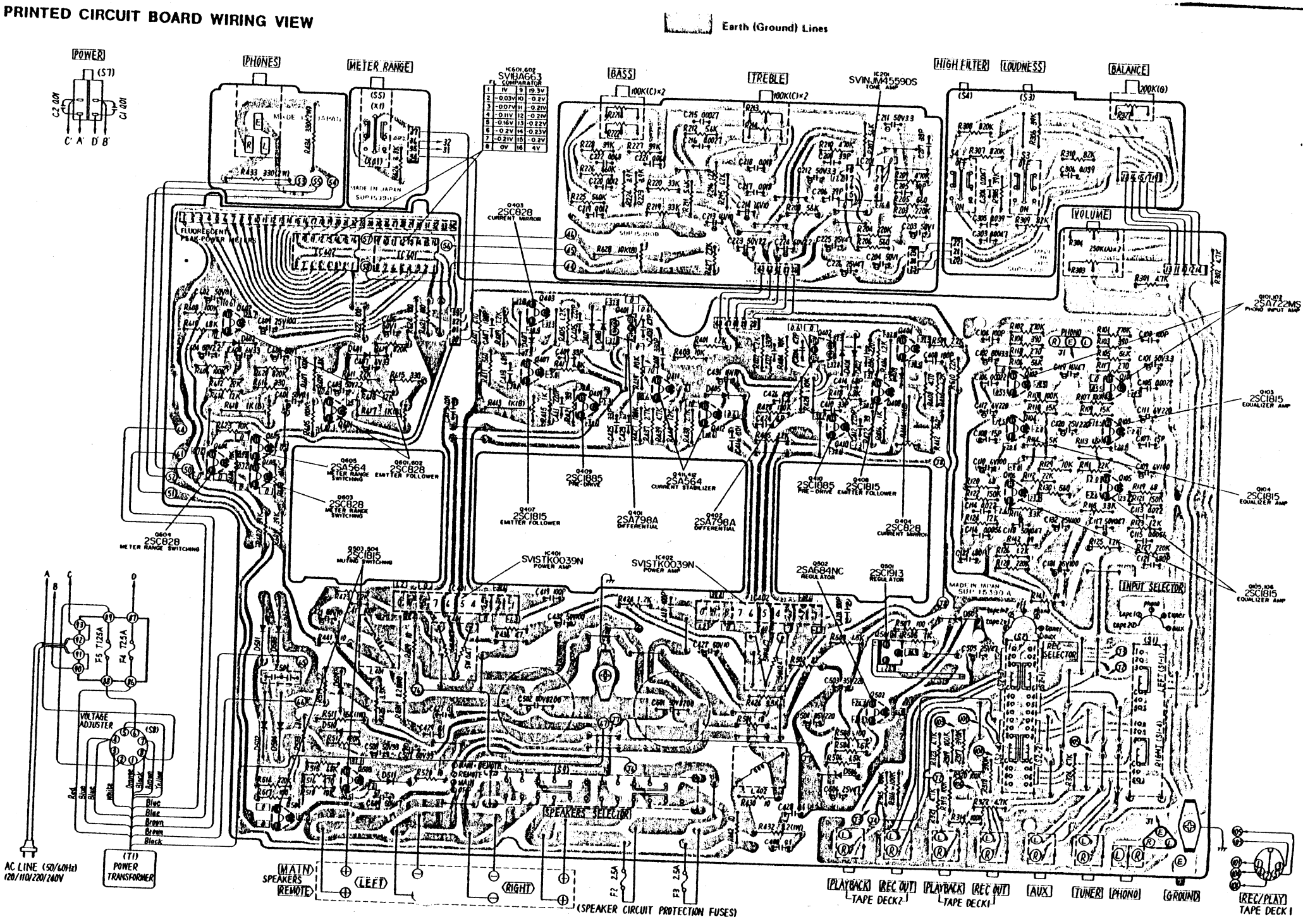


Fig. 7

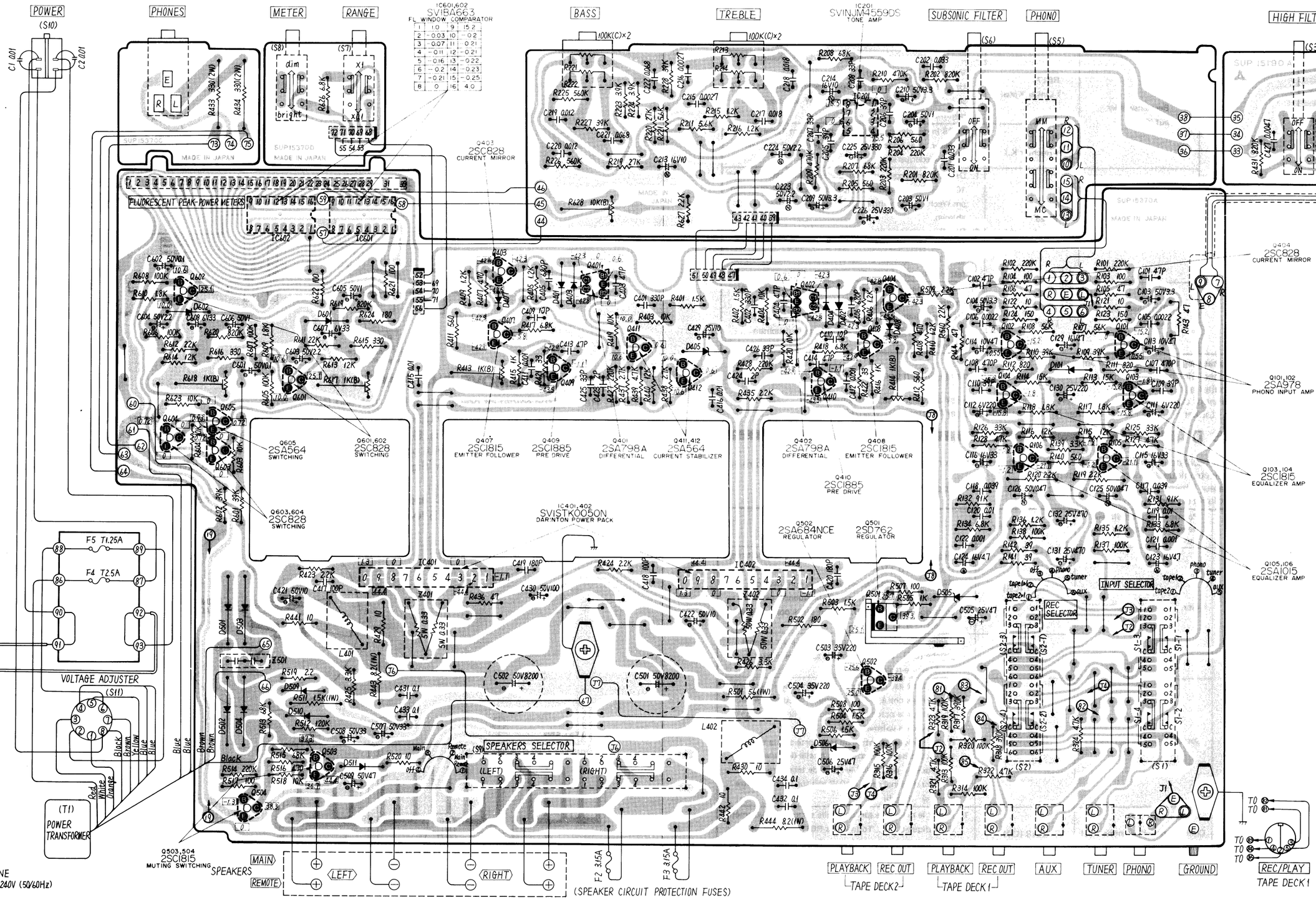
PLAYBACK

■ PRINTED CIRCUIT BOARD WIRING VIEW

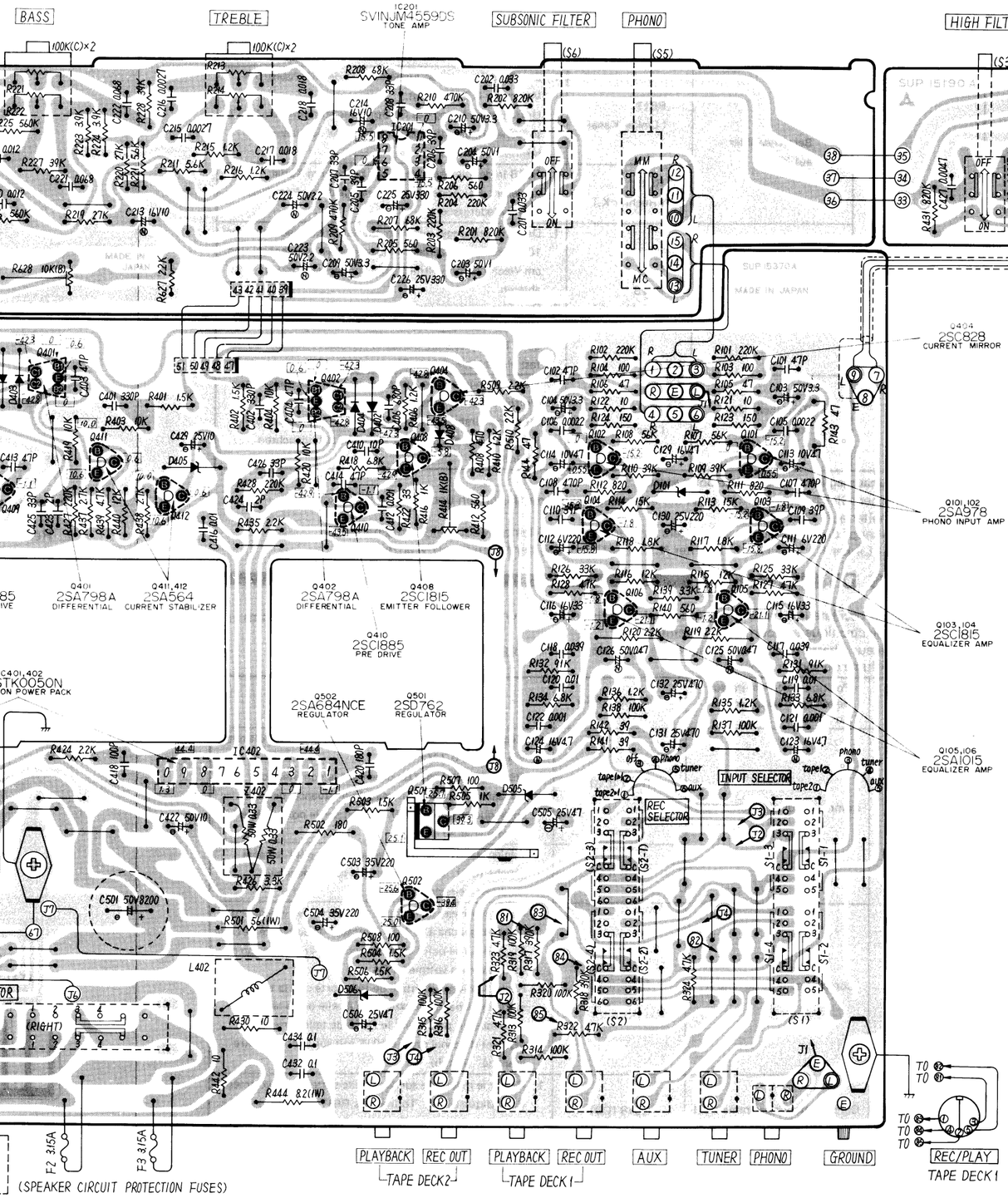


■ PRINTED CIRCUIT BOARD WIRING VIEW

Earth (Ground) Lines



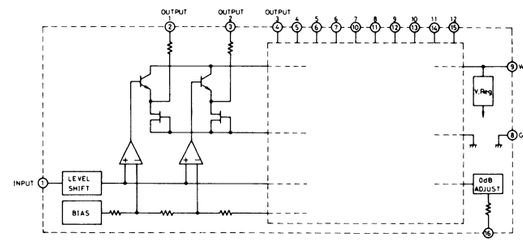
Earth (Ground) Lines



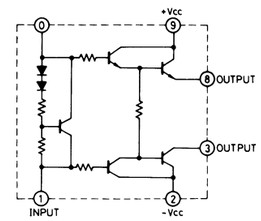
Notes:

1. **S1** : Input selector switch in "**PHONO**" position.
   ① TAPE 2 ⟷ ② TAPE 1 ⟷ ③ PHONO ⟷ ④ TUNER ⟷ ⑤ AUX
2. **S2** : Rec selector switch in "**OFF**" position.
   ① TAPE 2▶1 ⟷ ② TAPE 1▶2 ⟷ ③ OFF ⟷ ④ PHONO ⟷ ⑤ TUNER ⟷ ⑥ AUX
3. **S3** : High filter switch in "**OFF**" position.
4. **S4** : Loudness switch in "**OFF**" position.
5. **S5** : Phono MM/MC cartridge selector switch in **"MM"** position.
6. **S6** : Subsonic filter switch in **"OFF"** position.
7. **S7** : Range switch in "**X1**" position.
8. **S8** : Meter light selector switch in **"DIMMER"** position.
9. **S9** : Speaker switch in "**MAIN**" position
10. **S10** : Power switch in "**ON**" position.
11. **S11** : Voltage adjuster switch in **"240V"** position.
    (240V⟷220V⟷120V⟷110V)
12. Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
    ( ) Standards values ( ) Bright
13. The **S** mark has been used for the indication of specified parts for an assurance of safety, but it has been changed to **Δ** mark. When replacing parts, be sure to use parts with correct numbers with reference to the circuit drawing or the repair parts list.
    S → **Δ** (new mark)
14. To represent transistors, **Q** is used instead of TR (Ex. TR1 → Q1)
15. Phono signal lines of left channel.
16. This schematic diagram may be modified at any time with the development of new technology.

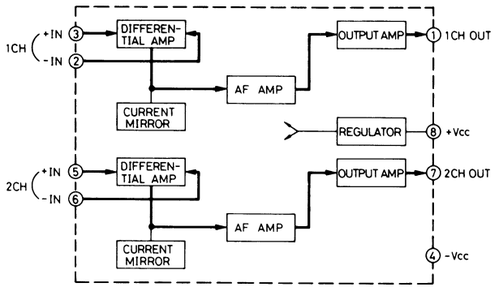
■ BLOCK DIAGRAM



IC601, 602 (SVIBA663)
FL Comparator

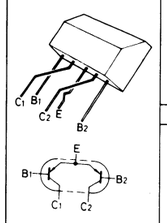
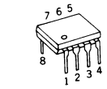
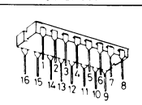
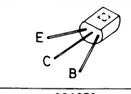


IC401, 402 (SVISTK0050N)
Power Amplifier



IC201 (SVINJM4559DS)
Tone Amplifier

■ TERMINAL GUIDE OF TRANSISTOR & IC

2SA798A	SVINJM4559DS	SVIBA663	2SA1015 2SC1815 2SA684NCE 2SA564 2SC828 2SC1885
			
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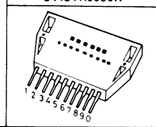
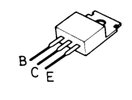
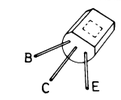
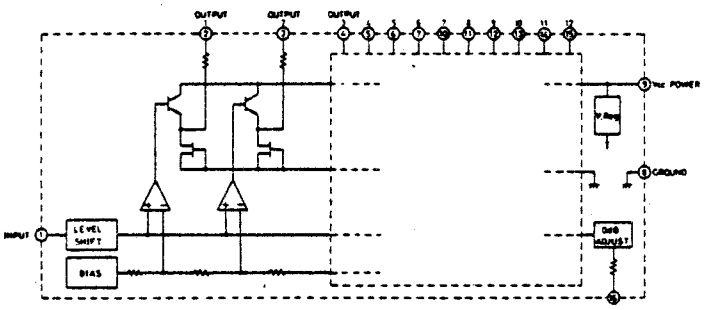
			

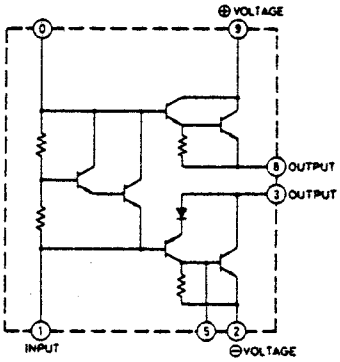
Notes:

1. **S1** : Input selector switch in "**PHONO**" position.
   ① TAPE 2 ⟷ ② TAPE 1 ⟷ ③ PHONO ⟷ ④ TUNER ⟷ ⑤ AUX
2. **S2** : Rec selector switch in "**OFF**" position.
   ① TAPE 2▶1 ⟷ ② TAPE 1▶2 ⟷ ③ OFF ⟷ ④ PHONO ⟷ ⑤ TUNER ⟷ ⑥ AUX
3. **S3** : Loudness switch in "**OFF**" position.
4. **S4** : High filter switch in "**OFF**" position.
5. **S5** : Range switch in "**X1**" position.
6. **S7** : Power switch in "**ON**" position.
7. **S8** : Voltage adjuster switch in "**240V**" position.
   (240V⟷220V⟷120V⟷110V)
8. **S9** : Speaker switch in "**MAIN**" position.
9. Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
   ☐ Standards values ( ) Bright
10. The **S** mark has been used for the indication of specified parts for an assurance of safety, but it has been changed to ⚠ mark. When replacing parts, be sure to use parts with correct numbers with reference to the circuit drawing or the repair parts list.
    S → ⚠ (new mark)
11. To represent transistors, Q is used instead of TR (Ex. TR1 → Q1)
12. ⟹ Phono signal lines of left channel.
13. This schematic diagram may be modified at any time with the development of new technology.

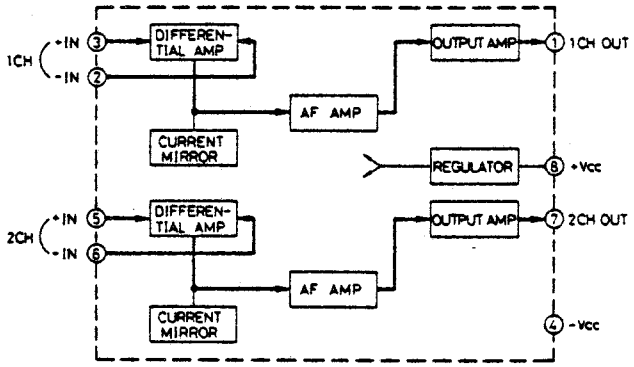
■ BLOCK DIAGRAM OF INTEGRATED CIRCUITS



IC601, 602 (SVIBA663)
FL Comparator

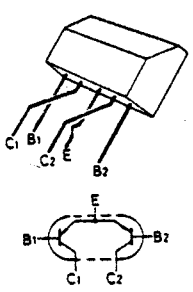
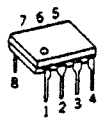
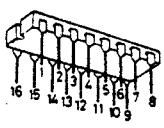


IC401, 402 (SVISTK0039N)
Power Amplifier



IC201 (SVINJM4559DS)
Tone Amplifier

■ TERMINAL GUIDE OF TRANSISTOR & IC

2SA798A	SVINJM4559DS	SVIBA663	2SA722, 2SC1815 2SA684NC, 2SA564 2SC828, 2SC1885
			
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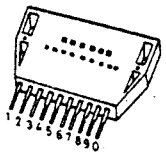
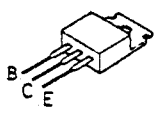
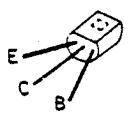
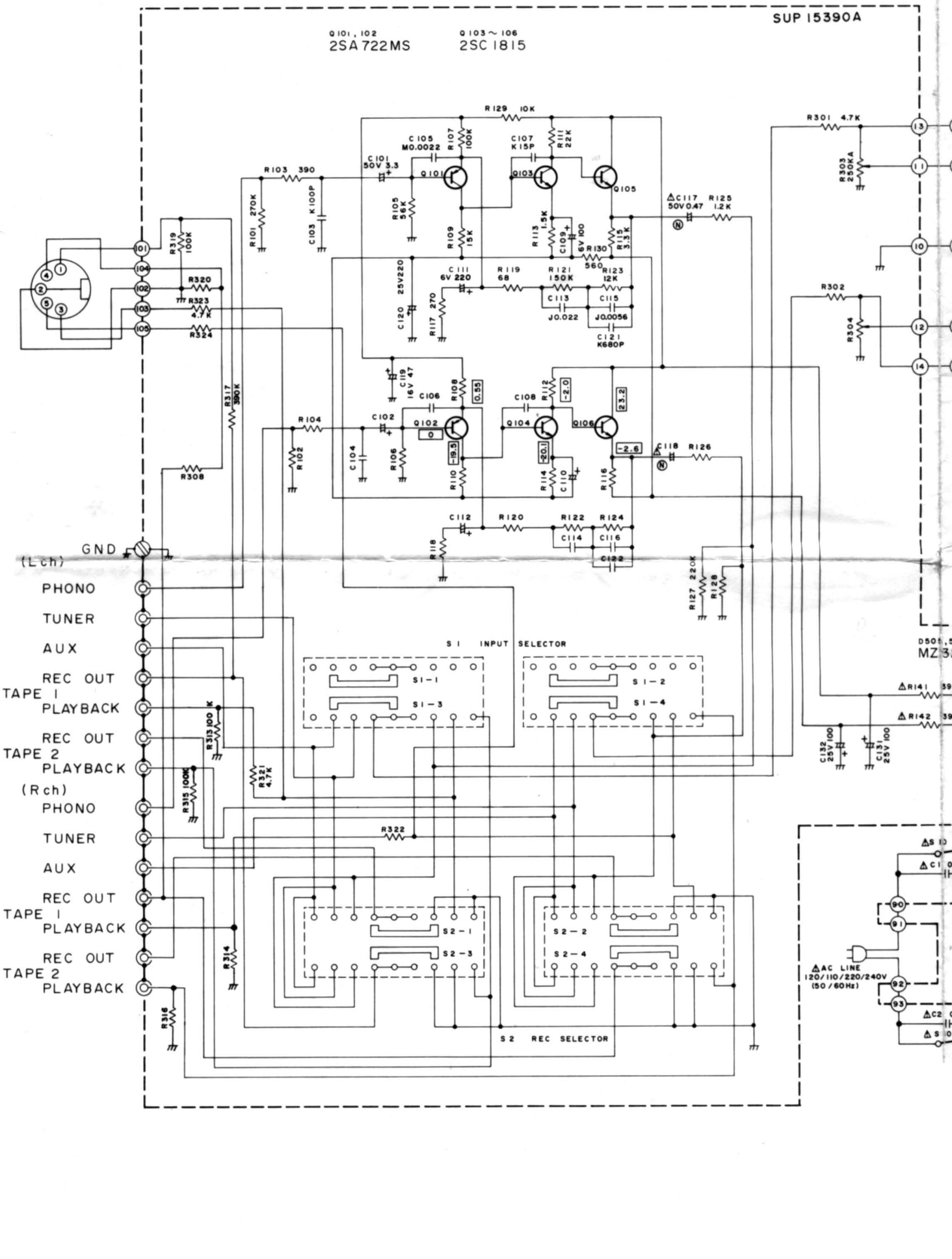
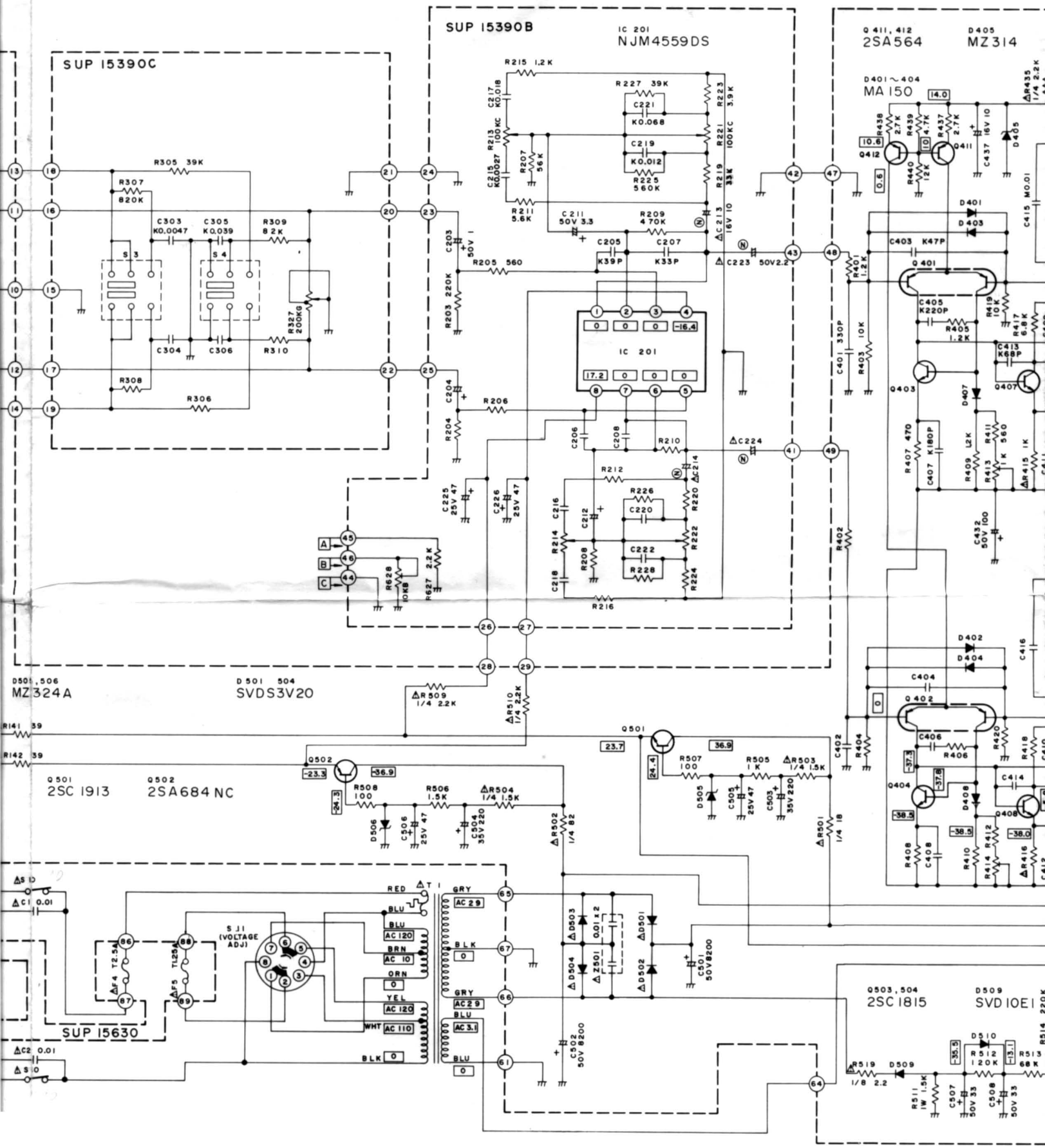
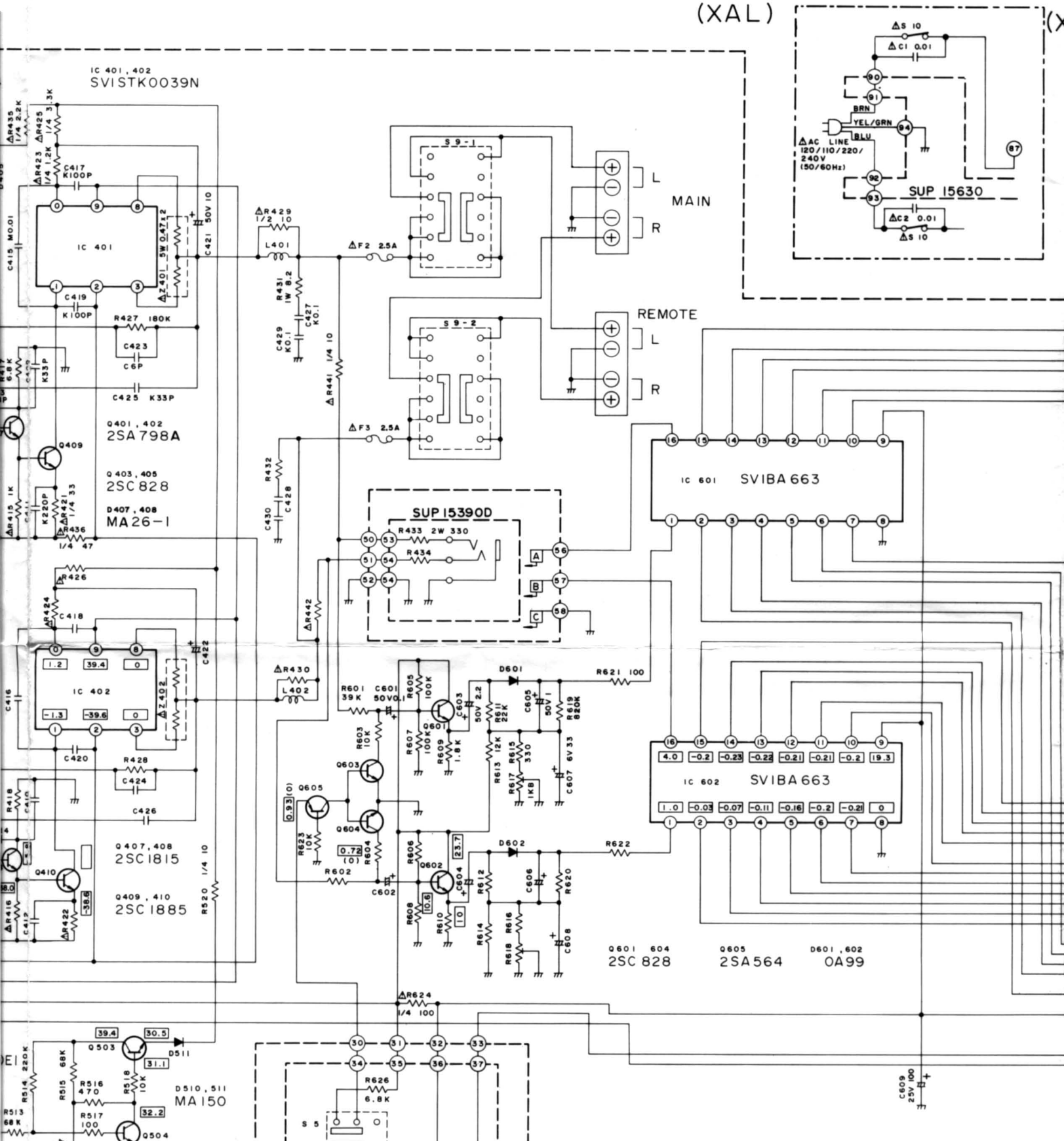
			

Schematic Diagram ... Model SU-8044/SU-8044K (This



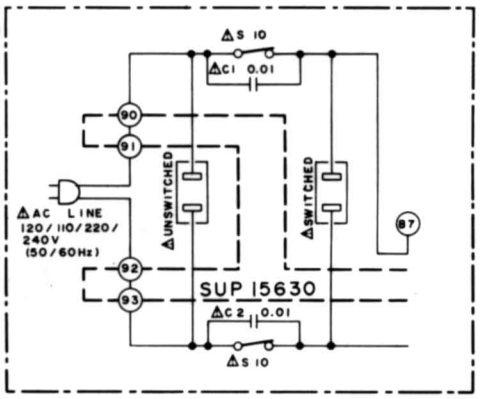
(This schematic diagram may be modified at any time with the development of new technology)

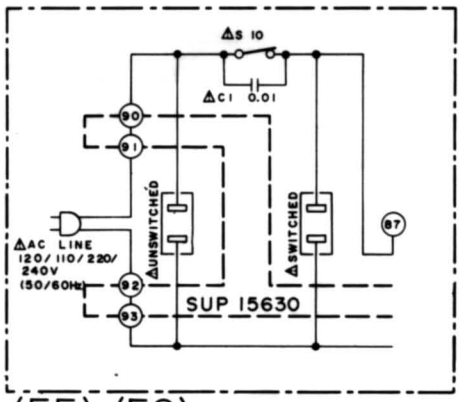




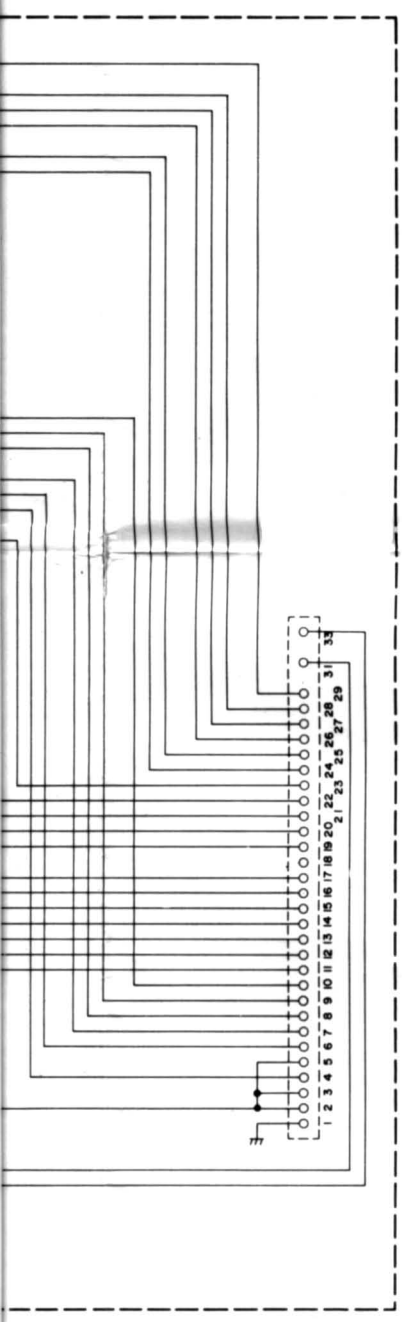
SU-8044 -(E),(XE),(XA),(
(EG),(XGH),(XG
SU-8044K-(E),(XA),(XAL),(

(XA)





(FE), (ES)



NOTES

1, S1 Input selector switch in "PHONO" position.
TAPE 2 ⟷ TAPE 1 ⟷ PHONO ⟷ TUNER ⟷ AUX

2, S2 Rec selector switch in "OFF" position.
TAPE 2 1 ⟷ TAPE 1 2 ⟷ OFF ⟷ PHONO ⟷ TUNER ⟷ AUX

3, S3 High filter switch in "OFF" position.

4, S4 Loudness switch in "OFF" position.

5, S5 Range switch in "x 1" position.
x 1 ⟷ x 0.1

6, S6 Speaker switch in "MAIN" position.
OFF ⟷ MAIN ⟷ REMOTE ⟷ MAIN + REMOTE

7, S10 Power switch in "ON" position.

8, All the resistar otherwise noticed are 1/4W 5%, or 1/8W 5%, carbon film resistars.

9, Tolerance
G = ± 2 % J = ± 5 % K = ± 10% M = ± 20 %

10, ●—● Shorting switch.
○—○ Non shorting switch.

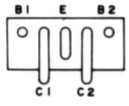
11, △ Mark is safety parts. Ⓝ Mark is non polar electrolytic.

12, DC voltage measurements are taken with DC VTVM from chassis ground.
□ Standard values. ( ) x 0.1

13, S11 Voltage adjustment switch in "240V" position.

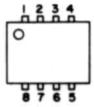
BOTTOM VIEW

2SA564 2SC1815
2SA722MS 2SC1885
2SC828 2SA684NC



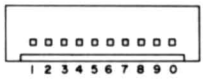
2SA798

2SC1913



SVINJM 4559

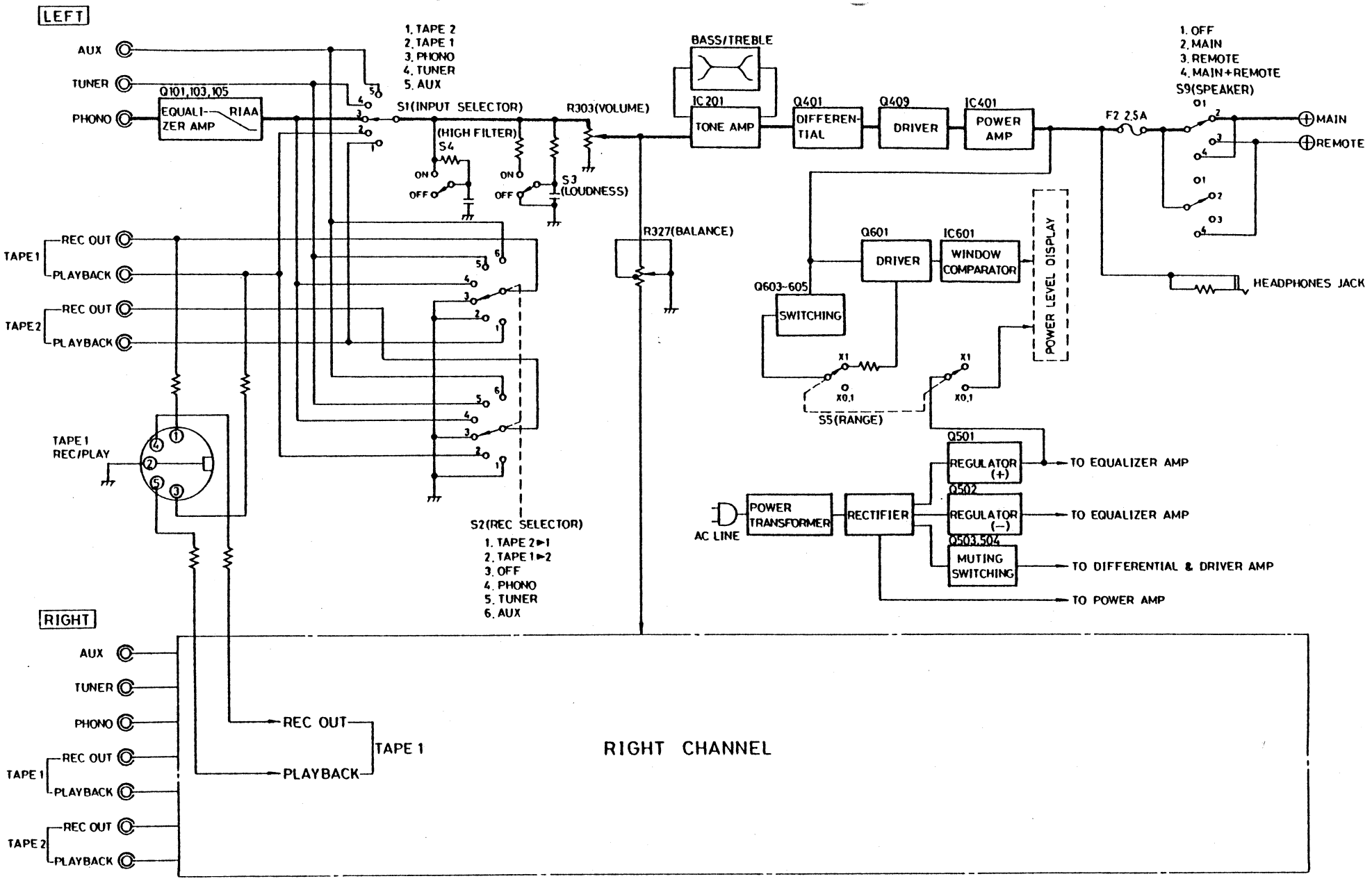
SVIBA 663



SVISTK 0039N

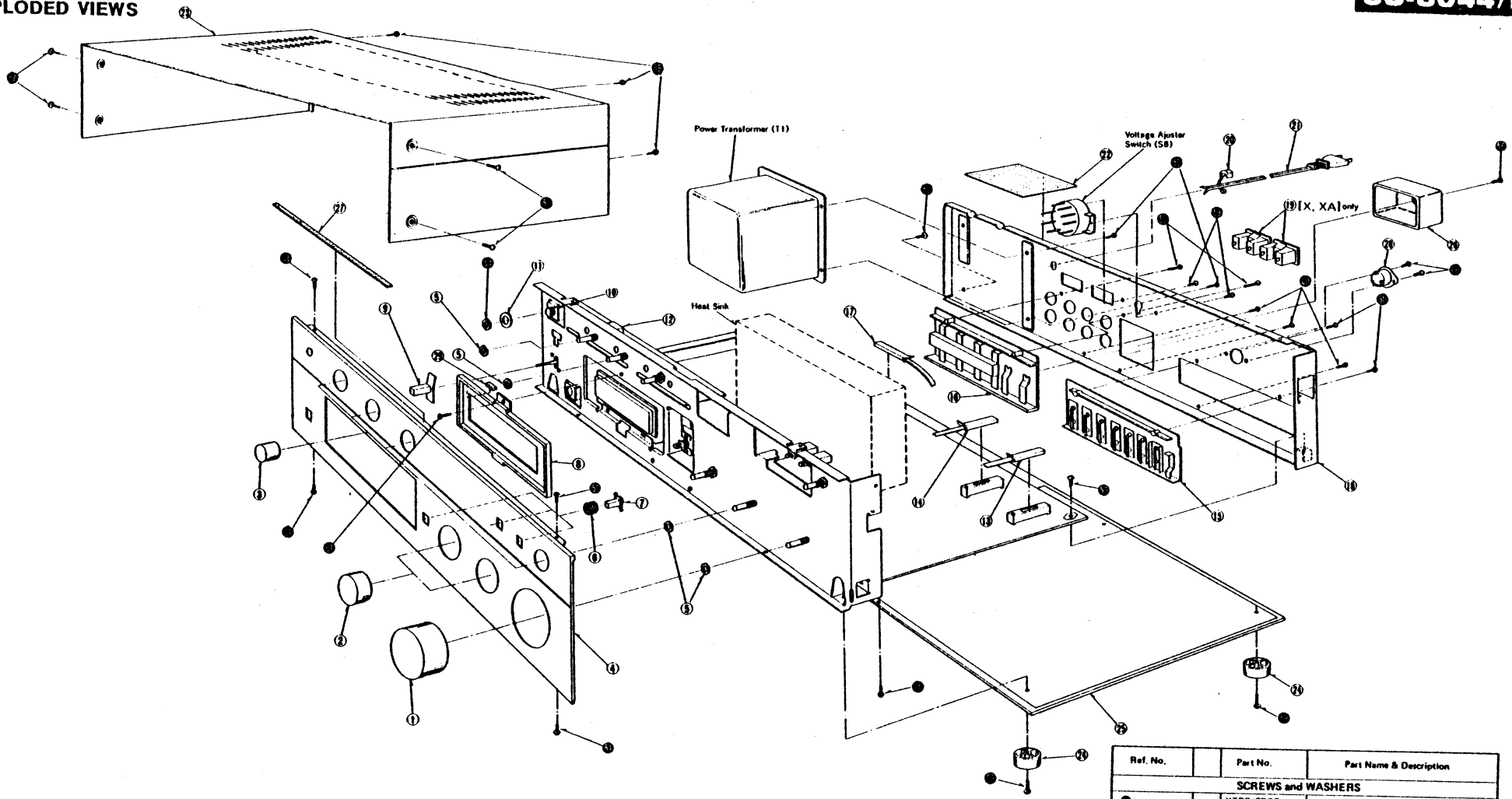
(A),(XAL),(FE),(ES)
),(XGF), ,(EB)
AL),(EG),(XGH),(EB)

■ BLOCK DIAGRAM



SU-8044/K

■ EXPLODED VIEWS



■ REPLACEMENT PARTS LIST

Notes: 1. Part numbers are indicated on most mechanical parts. Please use this part number for parts order.
2. ⚠ indicates that only parts specified by the manufacturer be used for safety.

Ref. No.		Part No.	Part Name & Description
		CABINET and CHASSIS PARTS	
1		SBN821	Knob, Volume
2		SBN823	Knob, Rec Selector & Input Selector
3		SBN825	Knob, Speakers Selector, Bass, Treble & Balance
4		SGWU8044-M	Panel, Front Ass'y
5		SNE4021	Nut, Volume, Rec Selector, Input Selector Balance, Treble Bass, Speakers
6		SUS123-1	Spring, Range, High Filter & Loudness Switch
7		SBC197	Button, Range, High Filter & Loudness Switch
8		SYE545	Bracket, Fluorescent Peak Power Meters
9		SBD19	Button, Power Switch
10		XCJ6P218-A	Jack, Headphones
11		SNE59-1	Washer, Headphones Jack
12		ESA23426	Remote Control Switch, Speakers
13		ESA3310	Wire, Remote Control Swotch
14		ESA339	Wire, Remote Control Switch
15		SJF3029	Terminal, Input
16		SJF8013-1	Terminal, Speakers
17		ESA2073	Wire, Remote Control Switch
18 (E)		SGP1671A	Rear Panel
18 (XE, EG, XGH, XGF, EB)		SGPU8044E	Rear Panel, SGP1671A with Name Plate (SGT18370)
18 (XAL)		SGPU8044L	ear Panel, SGP1671-1A with Name Plate ,SGT18390)
18 (X, XA)		SGP1651-1A	Rear Panel
19 (X, XA) only	⚠	SJSA68-1	Socket, AC Outlet
20 (E, EG, XGH, XGF, EB, X, XA)		SHR127	Bushing, AC Cord
20 (XE)		SHR129	Bushing, AC Cord
20 (XAL)		SHR131	Bushing, AC Cord
21 (E, EG, XGH, XGF, EB)	⚠	RJA23ZC	AC Cord, with Plug
21 (X, XA)	⚠	SJA97	AC Cord, with Plug
21 (XE)	⚠	RJA45ZC	AC Cord
21 (XAL)	⚠	QFC1207M	AC Cord, with Plug
22		SHS6107	Cloth, Protector
22 (X, XA) only		SHS6109	Cloth, Protector
23		SKA10416	Cabinet
24		SKLA7-1	Foot, Set
25		SYU189-1	Bottom
26		SUV337	Cover, Fuses
27		SHS6101-1	Cloth, I ,or
28		RJS31-1	Socket, DIN (REC/PLAY)
29		SHG1529	Rubber Cushion, FL Peak Power Meter Bracket
		SCREWS and WASHERS	
●		XTB3+8BFZ	Screw, Speaker Terminal, Input Terminal & Fuse Cover M'tg
●		XTB3+8B	Screw, Front Panel M'tg
●		XWC3D	Washer, Front Panel Screw
●		XTB3+8B	Screw, Printed Circuit Board M'tg
		XWC3B	Washer Printed Circuit Board Screw
●		XSN3+6FZS	Screw, Voltage Adjuster Switch M'tg
		XWA3BFZ	Washer (Spring), Voltage Adjuster Switch Screw
●		XNSS12	Nut, Headphones Jack M'tg
●		XTN3+8B	Screw, Bottom Board M'tg
		XWG3	Washer, Bottom Board Screw
●		XTB4+10FZ	Screw, Power Source Transformer M'tg
		XWA4FZ	Washer (Spring), Power Source Transformer Screw
		XWG4FZ	Washer, Power Source Transformer Screw
●		XTB4+8FFN	Screw, Cabinet M'tg
●		XTB3+8BFN	Screw, Cabinet M'tg
		XWC3FN	Washer, Cabinet Screw
●		XTB3+16B	Screw, Set Foot M'tg
●		XTB3+8FZ	Screw, Rear Panel and DIN Socket M'tg
		XWC3FZ	Washer, Rear Panel and DIN Socket Screw
●		XSN3+8S	Screw, FL Peak Power Meter M'tg
		XWA3	Washer (Spring), FL Peak Power Meter Screw
		XWG3	Washer, FL Peak Power Meter Screw

■ REPLACEMENT PARTS LIST ..... Electric Parts

Notes: 1. Part numbers are indicated on most mechanical parts.
Please use this part number for parts order.
2. △ indicates that only parts specified by the manufacturer be used for safety.

Ref. No.		Part No.	Part Name & Description
INTEGRATED CIRCUITS			
IC201		SVINJM4559DS	IC, Tone Amplifier
IC401, 402		SVISTK0039N	IC, Power Amplifier
IC601, 602		SVIBA663	IC, F.L Comparator
TRANSISTORS			
Q101, 102		2SA902S-F	Transistor, PHONO Input Amplifier (Use in ranks F or G)
Q103, 104		2SC1815-O	Transistor, Equalizer Amplifier (Use in ranks Y or O)
Q105, 106		2SC1815-O	Transistor, Equalizer Amplifier (Use in ranks Y or O)
Q401, 402		2SA798A-G2	Transistor, Differential Amplifier (Use in ranks F2 or G2)
Q403, 404		2SC1328-T	Transistor, Current Mirror (Use in ranks S, T or U)
Q407, 408		2SC1815-O	Transistor, Emitter Follower (Use in ranks Y or O)
Q409, 410		2SC1885-R	Transistor, Pre Drive Amplifier (Use in ranks Q, R or S)
Q411, 412		2SA666A1-R	Transistor, Current Stabilizer (Use in ranks P, Q or R)
Q501		2SC1913-R	Transistor, Regulator (Use in ranks Q or R)
Q502		2SA684NC-R	Transistor, Regulator (Use in ranks P, Q or R)
Q503, 504		2SC1815-O	Transistor, Muting Switching (Use in ranks Y or O)
Q601, 602, 603, 604		2SC1328-T	Transistor, Meter Range Switching (Use in ranks S, T or U)
Q605		2SA666A1-R	Transistor, Meter Range Switching (Use in ranks P, Q or R)
DIODES			
D401, 402, 403, 404		MA150	Diode, Input Limiter
D405		SVDMZ314B	Diode, 14V Zener
D407, 408		SVDMA26-1	Diode
D501, 502, 503, 504	△	SVDS3V20	Rectifier
D505, 506		SVDMZ324A	Diode, 24V Zener
D509	△	SVD10E1	Rectifier
D510, 511		MA150	Diode, Switching
D601, 602		2-OA99	Diode, Detector
COILS and TRANSFORMER			
L401, 402		SLQY15G-3U	Coil, Power Amplifier Output
T1	△	SLT5N327	Transformer, Power Source
COMPONENT COMBINATIONS			
Z401, 402 Z501	△	ERF5GEKR47N EXRFS203ZS	Non-Flammable Resistor, 0.47Ω (X2) 5W 0.01μF (X2), Rectifier
VARIABLE RESISTORS			
R213, 214 221, 222		EWK32F25C15S	Treble & Bass Control, 100kΩ (C)
R303, 304		FWF6LA031BF5	Volume Control, 250kΩ (A)
R327		EVH63F25G25S	Balance Control, 200kΩ (G)
R413, 414		EVLS3AA00B13	DC Unbalance Adjustment, 1kΩ (B)
R617, 618		EVLS3AA00B13	Meter Level Adjustment, 1kΩ (B)
R628		EVLS3AA00B14	Meter Level Adjustment, 10kΩ (B)
FUSES			
F2, 3	△	XBA2C25SS0	Fuse, 2.5A (250V), Speaker Circuit
F4	△	XBAS2C25T1A	Fuse, T2.5A (250V), Primary
F5	△	XBA2C12TR0	Fuse, T1.25A (250V), Primary
SWITCHES			
S1, 2		ESA2682	Switch, Input & Recording Selector
S3, 4		SSH257-1	Switch, High Filter & Loudness
S5		SSH105	Switch, Meter Range
S7	△	ESL21182	Switch, Power Source
S8	△	ESE37200	Switch, Voltage Adjuster
S9		ESA273	Switch, Speakers
MATER			
		SAD24A17YS	Meter, Fluorescent Peak-Power

Ref. No.		Part No.	Part Name & Description
RESISTORS			
R101, 102		ERD25TJ274	Carbon, 270kΩ, 1/4W, ± 5%
R103, 104		ERD25TJ391	Carbon, 390Ω, 1/4W, ± 5%
R105, 106		ERD25TJ563	Carbon, 56kΩ, 1/4W, ± 5%
R107, 108		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R109, 110		ERD25TJ153	Carbon, 15kΩ, 1/4W, ± 5%
R111, 112		ERD25TJ223	Carbon, 22kΩ, 1/4W, ± 5%
R113, 114		ERD25TJ152	Carbon, 1.5kΩ, 1/4W, ± 5%
R115, 116		ERD25TJ332	Carbon, 3.3kΩ, 1/4W, ± 5%
R117, 118		ERD25TJ271	Carbon, 270Ω, 1/4W, ± 5%
R119, 120		ERD25TJ680	Carbon, 68Ω, 1/4W, ± 5%
R121, 122		ERD25TJ154	Carbon, 150kΩ, 1/4W, ± 5%
R123, 124		ERD25TJ124	Carbon, 120kΩ, 1/4W, ± 5%
R125, 126		ERD25TJ122	Carbon, 1.2kΩ, 1/4W, ± 5%
R127, 128		ERD25TJ224	Carbon, 220kΩ, 1/4W, ± 5%
R129		ERD25TJ103	Carbon, 10kΩ, 1/4W, ± 5%
R130		ERD25TJ561	Carbon, 560Ω, 1/4W, ± 5%
R141, 142	△	ERD25FJ390	Carbon, 39Ω, 1/4W, ± 5%
R203, 204		ERD25TJ224	Carbon, 220kΩ, 1/4W, ± 5%
R205, 206		ERD25TJ561	Carbon, 560Ω, 1/4W, ± 5%
R207, 208		ERD25TJ563	Carbon, 56kΩ, 1/4W, ± 5%
R209, 210		ERD25TJ474	Carbon, 470kΩ, 1/4W, ± 5%
R211, 212		ERD25TJ562	Carbon, 5.6kΩ, 1/4W, ± 5%
R215, 216		ERD25TJ122	Carbon, 1.2kΩ, 1/4W, ± 5%
R219, 220		ERD25TJ333	Carbon, 33kΩ, 1/4W, ± 5%
R223, 224		ERD25TJ392	Carbon, 3.9kΩ, 1/4W, ± 5%
R225, 226		ERD25TJ564	Carbon, 560kΩ, 1/4W, ± 5%
R227, 228		ERD25TJ393	Carbon, 39kΩ, 1/4W, ± 5%
R301, 302		ERD25TJ472	Carbon, 4.7kΩ, 1/4W, ± 5%
R305, 306		ERD25TJ393	Carbon, 39kΩ, 1/4W, ± 5%
R307, 308		ERD25TJ824	Carbon, 820kΩ, 1/4W, ± 5%
R309, 310		ERD25TJ823	Carbon, 82kΩ, 1/4W, ± 5%
R313, 314		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R315, 316		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R317, 318		ERD25TJ394	Carbon, 390kΩ, 1/4W, ± 5%
R319, 320		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R321, 322		ERD25TJ472	Carbon, 4.7kΩ, 1/4W, ± 5%
R323, 324		ERD25TJ472	Carbon, 4.7kΩ, 1/4W, ± 5%
R401, 402		ERD25TJ122	Carbon, 1.2kΩ, 1/4W, ± 5%
R403, 404		ERD25TJ103	Carbon, 10kΩ, 1/4W, ± 5%
R405, 406		ERD25TJ122	Carbon, 1.2kΩ, 1/4W, ± 5%
R407, 408		ERD25TJ471	Carbon, 470Ω, 1/4W, ± 5%
R409, 410		ERD25TJ122	Carbon, 1.2kΩ, 1/4W, ± 5%
R411, 412		ERD25TJ561	Carbon, 560Ω, 1/4W, ± 5%
R415, 416	△	ERD25FJ102	Carbon, 1kΩ, 1/4W, ± 5%
R417, 418		ERD25TJ682	Carbon, 6.8kΩ, 1/4W, ± 5%
R419, 420		ERD25TJ103	Carbon, 10kΩ, 1/4W, ± 5%
R421, 422	△	ERD25FJ330	Carbon, 33Ω, 1/4W, ± 5%
R423, 424	△	ERD25FJ122	Carbon, 1.2kΩ, 1/4W, ± 5%
R425, 426	△	ERD25FJ332	Carbon, 3.3kΩ, 1/4W, ± 5%
R427, 428		ERD25TJ184	Carbon, 180kΩ, 1/4W, ± 5%
R429, 430	△	ERD50FJ100	Carbon, 10Ω, 1/2W, ± 5%
R431, 432		ERX1ANJ8R2	Metal Film, 8.2Ω, 1W, ± 5%
R433, 434		ERQ2ANJ331	Metal Oxide, 330Ω, 2W, ± 5%
R435	△	ERD25FJ222	Carbon, 2.2kΩ, 1/4W, ± 5%
R436	△	ERD25FJ470	Carbon, 47Ω, 1/4W, ± 5%
R437, 438		ERD25TJ272	Carbon, 2.7kΩ, 1/4W, ± 5%
R439		ERD25TJ472	Carbon, 4.7kΩ, 1/4W, ± 5%
R440		ERD25TJ123	Carbon, 12kΩ, 1/4W, ± 5%
R441, 442	△	ERD25FJ100	Carbon, 10Ω, 1/4W, ± 5%
R501	△	ERD25FJ180	Carbon, 18Ω, 1/4W, ± 5%
R502	△	ERD25FJ820	Carbon, 82Ω, 1/4W, ± 5%
R503, 504	△	ERD25FJ152	Carbon, 1.5kΩ, 1/4W, ± 5%
R505		ERD25TJ102	Carbon, 1kΩ, 1/4W, ± 5%
R506		ERD25TJ152	Carbon, 1.5kΩ, 1/4W, ± 5%
R507, 508		ERD25TJ101	Carbon, 100Ω, 1/4W, ± 5%
R509, 510	△	ERD25FJ222	Carbon, 820Ω, 1/4W, ± 5%
R511		ERG1ANJ152	Metal Oxide, 1.5kΩ, 1W, ± 5%
R512		ERD25TJ124	Carbon, 120kΩ, 1/4W, ± 5%
R513		ERD25TJ683	Carbon, 68kΩ, 1/4W, ± 5%
R514		ERD25[illegible]	Carbon, 220kΩ, 1/4W, ± 5%
R515		ERD25[illegible]	Carbon, 68kΩ, 1/4W, ± 5%
R516		ERD25[illegible]	Carbon, 470Ω, 1/4W, ± 5%
R517		ERD25TJ101	Carbon, 100Ω, 1/4W, ± 5%
R518		ERD25TJ103	Carbon, 10kΩ, 1/4W, ± 5%

Ref. No.		Part No.	Part Name & Description
R519	△	ERD18FAJ2R2	Carbon, 2.2Ω, 1/8W, ± 5%
R520	△	ERD25FJ100	Carbon, 10Ω, 1/4W, ± 5%
R601, 602		ERD25TJ393	Carbon, 39kΩ, 1/4W, ± 5%
R603, 604		ERD25TJ103	Carbon, 10kΩ, 1/4W, ± 5%
R605, 606		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R607, 608		ERD25TJ104	Carbon, 100kΩ, 1/4W, ± 5%
R609, 610		ERD25TJ182	Carbon, 1.8kΩ, 1/4W, ± 5%
R611, 612		ERD25TJ223	Carbon, 22kΩ, 1/4W, ± 5%
R613, 614		ERD25TJ123	Carbon, 12kΩ, 1/4W, ± 5%
R615, 616		ERD25TJ331	Carbon, 330Ω, 1/4W, ± 5%
R619, 620		ERD25TJ824	Carbon, 820kΩ, 1/4W, ± 5%
R621, 622		ERD25TJ101	Carbon, 100Ω, 1/4W, ± 5%
R624	△	ERD25FJ101	Carbon, 100Ω, 1/4W, ± 5%
R623		ERD25TJ103	Carbon, 10kΩ, 1/4W, ± 5%
R626		ERD25TJ682	Carbon, 6.8kΩ, 1/4W, ± 5%
R627		ERD25TJ222	Carbon, 2.2kΩ, 1/4W, ± 5%
CAPACITORS			
C1, 2	△	ECKDHS103SE2	Ceramic, 0.01μF, 450VAC
C101, 102		ECEA50M3R3R	Electrolytic, 3.3μF, 50V
C103, 104		ECCD1H101K	Ceramic, 100pF, 50V, ±10%
C105, 106		ECKD1H222MD	Ceramic, 0.0022μF, 50V, ±20%
C107, 108		ECCD1H150K	Ceramic, 15pF, 50V, ±10%
C109, 110		ECEA1AS101	Electrolytic, 100μF, 10V
C111, 112		ECEA1AS221	Electrolytic, 220μF, 10V
C113, 114		ECQM1H223JZ	Polyester, 0.022μF, 50V, ± 5%
C115, 116		ECQM1H562KZ	Polyester, 0.0056μF, 50V, ±10%
C117, 118	△	ECEA50NR47	Non-Polar Electrolytic, 0.47μF, 50V
C119		ECEA1ES470	Electrolytic, 47μF, 25V
C120		ECEA1ES221	Electrolytic, 220μF, 25V
C121, 122		ECKD1H681KB	Ceramic, 680pF, 50V, ±10%
C131, 132		ECEA1ES101	Electrolytic, 100μF, 25V
C203, 204		ECEA50Z1R	Electrolytic, 1μF, 50V
C205, 206		ECCD1H390K	Ceramic, 39pF, 50V, ±10%
C207, 208		ECCD1H330K	Ceramic, 33pF, 50V, ±10%
C211, 212		ECEA50Z3R3	Electrolytic, 3.3μF, 50V
C213, 214	△	ECEA16N10	Non-Polar Electrolytic, 10μF, 16V
C215, 216		ECQM1H272KZ	Polyester, 0.0027μF, 50V, ±10%
C217, 218		ECQM1H183KZ	Polyester, 0.018μF, 50V, ±10%
C219, 220		ECQM1H123KZ	Polyester, 0.012μF, 50V, ±10%
C221, 222		ECQM1H683KZ	Polyester, 0.068μF, 50V, ±10%
C223, 224	△	ECEA50N2R2	Non-Polar Electrolytic, 2.2 F, 50V
C225, 226		ECEA1ES470	Electrolytic, 47μF, 25V
C303, 304		ECQM1H472KZ	Polyester, 0.0047μF, 50V, ±10%
C306, 306		ECQM1H393KZ	Polyester, 0.039μF, 50V, ±10%
C401, 402		ECKD1H331KB	Ceramic, 330pF, 50V, ±10%
C403, 404		ECCD1H470K	Ceramic, 47pF, 50V, ±10%
C405, 406		ECKD1H221KB	Ceramic, 220pF, 50V, ±10%

Ref. No.		Part No.	Part Name & Description
C407, 408		ECCD1H181K	Ceramic, 180pF, 50V, ±10%
C409, 410		ECCD1H330K	Ceramic, 33pF, 50V, ±10%
C411, 412		ECKD1H221KB	Ceramic, 220pF, 50V, ±10%
C413, 414		ECCD2H6R0K	Ceramic, 6pF, 500V, ±10%
C415, 416		ECKD1H103MD	Ceramic, 0.01μF, 50V, ±20%
C417, 418		ECCD2H101K	Ceramic, 100pF, 50V, ±10%
C419, 420		ECCD2H101K	Ceramic, 100pF, 500V, ±10%
C421, 422		ECEA1HS100	Electrolytic, 10μF, 50V
C423, 424		ECCD1H060C	Ceramic, 6pF, 50V, ±0.25pF
C425, 426		ECCD2H330K	Ceramic, 33pF, 500V, ±10%
C427, 428		ECQM1H104KZ	Polyester, 0.1μF, 50V, ±10%
C429, 430		ECQM1H104KZ	Polyester, 0.1μF, 50V, ±10%
C431		ECEA1HS100	Electrolytic, 10μF, 50V
C432		ECEA1HS101	Electrolytic, 100μF, 50V
C501, 502		ECE150R822	Electrolytic, 8200μF, 50V
C503, 504		ECEA1VS221	Electrolytic, 220μF, 35V
C505, 506		ECEA1ES470	Electrolytic, 47μF, 25V
C507, 508		ECEA1JS330	Electrolytic, 33μF, 63V
C509		ECEA1HS470	Electrolytic, 47μF, 50V
C601, 602		ECEA50ZR1	Electrolytic, 0.1μF, 25V
C603, 604		ECEA50Z2R2	Electrolytic, 2.2μF, 50V
C605, 606		ECEA50Z1	Electrolytic, 1μF, 50V
C607, 608		ECEA1CS330	Electrolytic, 33μF, 16V
C609		ECEA1ES101	Electrolytic, 100μF, 25V
ACCESSORIES			
A1	△	XBA2C25SS0	Fuse, 2.5A (250V) Speaker Circuit
A2 [X, XA] only	△	SJP5213-1	Plug Adapter, AC Power
A3 [X, XA] only	△	SJP5215	Plug Adapter, AC Power
PACKING PARTS			
P1		SPP576	Polyethylene Bag
P2 [X, XA, XAL]		SPS1967	Pad, Left Side
P2 [E, XE, EG, XGH, XGF, EB]		SPS1967-1	Pad, Left Side
P3 [X, XA, XAL]		SPS1969	Pad, Right Side
P3 [E, XE, EG, XGH, XGF, EB]		SPS1969-1	Pad, Right Side
P4 [E]		SPG1793	Carton Box
P4 [XE, EG, XGH, EB]		SPG1839	Carton Box
P4 [X, XA]		SPG1841	Carton Box
P4 [XAL]		SPG1843	Carton Box
P4 [XGF]		SPG1791	Carton Box
P5 [E, EG, XGH, XGF, EB]		SQF10087	Instructions Book, Printed Matter
P5 [XE, X, XA, XAL]		SQF10089	Instructions Book, Printed Matter

Notes: * (X) and (XA) are available in Asia, Latin America, Middle East and Africa only.
* (XAL) is available in Australia only.
* (XGH) is available in Holland only.
* (E) and (EG) are available in Scandinavia and European only.
* (EB) is available in Belgium only.
* (XGF) is available in France only.
* (XE) is available in United Kingdom only.

■ CHANGE OF PARTS LIST

SU-8044K

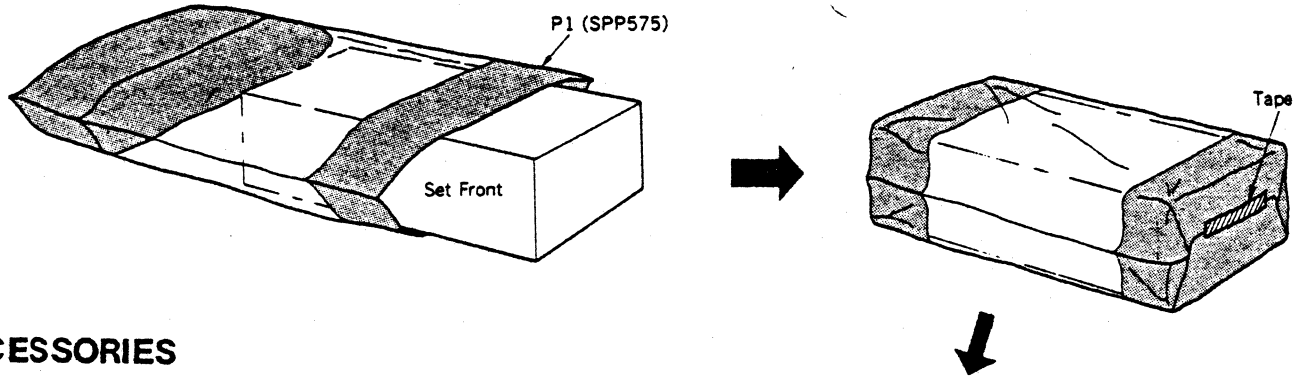
(X), (XA), (XAL), (XGH), (E), (EG), (EB)

Note: This parts list included only the changes of the model SU-8044 parts list.

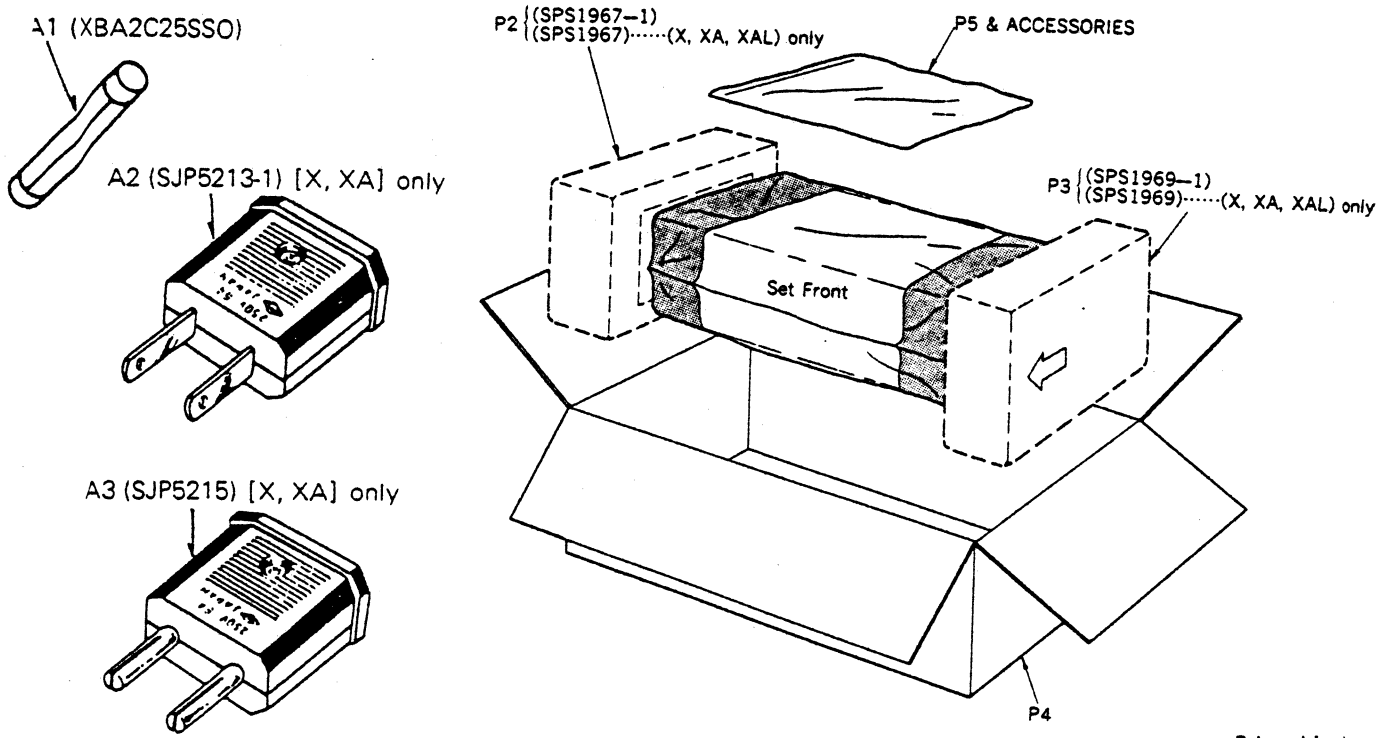
Ref. No.	Change of Part No. SU-8044 → SU-8044K		Part Name & Description
CABINET and CHASSIS PARTS			
1	SBN821	SBN827	Knob, Volume
2	SBN823	SBN829	Knob, Rec Selector & Input Selector
3	SBN825	SBN831	Knob, Speakers Selector, Bass, Treble & Balance
4	SGWU8044 M	SGWU8044KE	Panel, Front Ass'y
7	SBI[illegible]	SBC197-1	Button, Range, High Filter & Loudness Switch
8	SYE[illegible]	SYE545-1	Bracket, Fluorescent Peak-Power Meters
9	SBD19	SBD19-1	Button, Power Switch

Ref. No.	Change of Part No. SU-8044 → SU-8044K		Part Name & Description
18	SGP1671A [E]	SGP1671B [E]	Rear Panel
		SGPU8044KD [XGH, EB, EG]	Rear Panel, SGP1671B with Name Plate (SGT19630)
	SGPU8044E [XE, EG, XGH, XGF, EB]	SGPU8044KL [XAL]	Rear Panel, SGP1671-1A with Name Plate (SGT19950)
	SGPU8044L [XAL]		
	SGP1651-1A [X, XA]	SGPU8044KX [X, XA]	Rear Panel, SGP1651-1A with Name Plate (SGT19950)
20	SHR127 [E, EG, XGH, XGF, EB, X, XA]	SHR127 [E, XGH, EB, EG, X, XA]	Bushing, AC Cord
	SHR129 [XE]	SHR131 [XAL]	Bushing, AC Cord
	SHR131 [XAL]		
21	RJA23ZC [E, EG, XGH, XGF, EB]	RJA23ZC [E, EG, XGH, EB]	AC Cord, Power Source
	SJA97 [X, XA]	SJA97 [X, XA]	AC Cord, Power Source
	RJA45ZC [XE]	QFC1207M [XAL]	AC Cord, Power Source
	QFC1207M [XAL]		
23	SKA10416	SKA10419	Cabinet
	SCREWS and WASHERS		
●	XTB4+8FFN	XTB4+8FFZ	Screw, Cabinet M'tg
●	XTB3+8BFN	XTB3+8BFZ	Screw, Cabinet M'tg
	XWC3FN		
	PACKING PARTS		
P4	SPG1793 [E]	SPG1967 [E]	Carton Box
	SPG1839 [XE, EG, XGH, EB]	SPG1969 [XGH, EB, EG]	Carton Box
	SPG1841 [X, XA]	SPG2029 [X, XA, XAL]	Carton Box
	SPG1843 [XAL]		

■ PACKINGS



■ ACCESSORIES



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